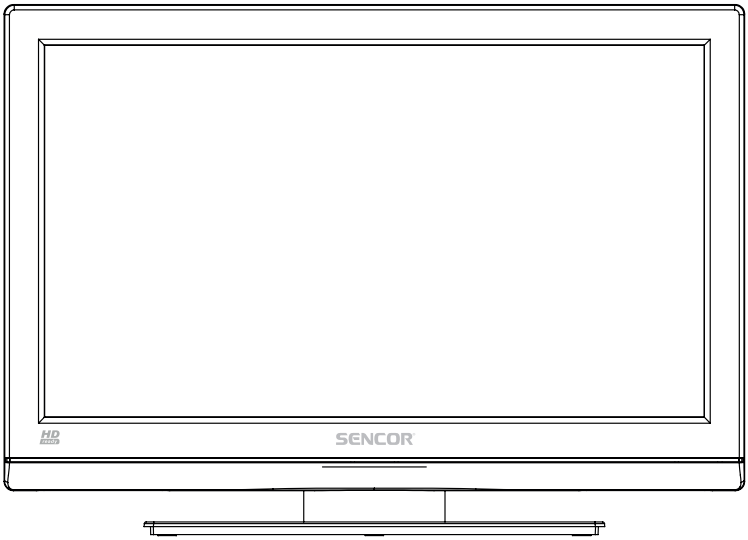
SENCOR®

SLE 48F10M4



LED TV
USER'S MANUAL

Read these instruction carefully prior to using TV set.
Store it for later reference.
Note the specific model number and the serial number of the TV set.
Look at the label on the back cover and relate these data provided here to your vendor in case that you would need service.

EN

Contents

Introduction 3
Important safety instructions 4
Accessories 6
Installation instructions 7
Device Description 8
- Rear panel 8
- Front panel 9
- Remote control 10

External devices connection 14
- Antenna connection 14
- Connecting a VCR 14
- Connecting the video recorder (composite output) 15
- Connecting a camcorder 15
- Connecting the DVD player/set-top-box with the output Component 16
- Connecting DVD player/set-top box with HDMI 17
- Connecting digital audio system 18
- PC connection 18
- CI SLOT 19
- Supported signals 19

Basic controls 20
- Turn the TV set on and off 20
- Using the Menu 20
- 1. Input Setup 20
- 2. Channels Selection 20
- 3. Volume adjustment/mute 21
- 4. Current Channel Information 21
- 5. GUIDE Menu 21
- 6. Installation Guide 22
- Picture 22
- Sound 23
- Channel 24
- Time 26
- Option 27
- Lock 28
- Function 29
- PVR File System 31

Digital Media Player 34
- device and file manager 35
- 1 Photo 35
- 2 Music 37
- 3 Movie 38
- 4 Text 40
- 5 My Disk 42

Troubleshooting 43
Technical specifications 45

Introduction

FEATURES

- LCD / LED – TFT screen size 48";
- Zero-emission screen meets the environmental protection requirements;
- By direct connectivity to PC – is realized the use of the device as a combination of PC monitor/television;
- Screen with 16:9 aspect ratio
- Auto channel search/auto fine tuning;
- HDMI input;
- Input of the component video signal (resolution 480i; 480P; 576i; 576P; 720P; 1080i; 1080P);
- PC input-RGB for video signal from PC;
- Programmable timer for automatic turning off TV
- Large range of the input voltage;
- Automatic turning off TV in the absence of input signal;

INPUT JACKS USED FOR CONNECTING EXTERNAL DEVICES

- ANTENNA jack
- Input jack PC–RGB for PC connection
- Input jacks for components of the video signal COMPONENT
- AV input jacks AV (cinch)
- Output for HEADPHONE
- 3× input HDMI connector
- 2× input USB port
- Output digital optical audio jack (SPDIF)
- Input jack SCART
- CI slot

Note:
Due to wide range of the USB devices on the market, it is not possible to ensure compatibility of the device with all types of USB devices.

Important safety instructions

This symbol is used to warn users against "dangerous voltage" in the product cover, which may pose a risk of electric shock.

This symbol is used to remind user of important guidelines for the use and service delivered with the device.

1) **READ** please the operating guide before using the product.
2) Please, follow the instructions contained in the Operating Manual.
3) Pay attention to all warnings.
4) **CHECK**, that all the connections (extension cables and connections between the components of the device) are carried out properly, according to the manufacturer's instructions. Prior to connecting or changing a connection, switch the device off and disconnect from power.
5) If you have any questions concerning the installation, operating or safety of the device, please CONTACT the supplier.
6) **HANDLE WITH CARE** the glass panels and the device covers. The glass of the screen may break on impact and cause a serious injury.
7) To ensure adequate ventilation, leave at least 10 cm of space around the television set. This space will prevent overheating and following damage to the television set.
- Do not use the device in a dusty environment.
- Never block the jacks and openings by putting the television set on a bed, a sofa, a pillow or other similar surfaces.
- Do not place the television set into an enclosed space, like a bookcase or a wardrobe, if an adequate ventilation cannot be ensured.

8) **DO NOT COVER** the ventilation openings of the device with e.g. newspaper, a tablecloth, drapes, etc. Overheating causes damage and will shorten the life of the device.
9) The television set may be damaged if placed on direct sunlight or close to heating. Please, avoid using the product in very hot or humid environments or in places where the temperature drops below 5°C (41°F). **DO NOT PUT** hot objects or objects with an open flame, e.g. candles or lamps on or near the device. High temperature can melt the plastic parts and cause fire.
10) Never use electrical appliances close to water. Operation of such devices close to e.g bathtub, sink, water tank, in a humid environment, close to a swimming pool, can cause fire or electric shock.
- Television set may not get wet. Do not pour liquids on the television set. Do not use the television set if an object or liquid gets inside. It could cause electrical shock and damage the television set. Have it checked immediately by a qualified technician.
- Do not put flammable materials and open flame (e.g. candles) close to the television set to avoid fire.
- DO NOT EXPOSE THE DEVICE TO DRIPPING OR SPRAYING WATER AND DO NOT PLACE AND OBJECTS CONTAINING LIQUID ONTO THE DEVICE (FOR EXAMPLE VASES).

11) **DO NOT USE** the headphones set at extreme volume, it could cause a permanent hearing loss.
12) Operate the television set only in the 230 V 50 Hz voltage range. Use the AC power cord, supplied with the product. If the television is grounded (class I) it must be surely plugged in the socket.
- **The socket where you plug the AC cable or the adapter must be easily accessible.**
- **Unplug the device if you want to unplug it from power supply.**

Note: If the device has an adapter, use the adapter and the AC power cable supplied with the product. Do not use damaged power socket. Make sure that the plug is correctly inserted into the socket. If the plug is loose, an arc can cause fire. Contact an electrician to change a socket.
13) Check that nothing lies on the cable and that there are no bends at the plug, pins and outputs of the device.
14) Use only accessories recommended by the manufacturer.
15) Use only carts with bases, tripods, brackets or stands specified by the manufacturer or sold with the product. When using the cart, be careful not to overturn it, you may cause injury. The device must be fastened to the floor or to the wall according to the installation instructions to prevent damage. Put the device on a flat surface.
16) Disconnect the power cable during a thunderstorm or when you will not use the device for a longer period of time.

Important safety instructions

17) For repairs, contact and authorized service provider. Never try to repair the device yourself. By opening the enclosure you can be exposed to dangerous voltage or other risky situations. Repair is necessary if there is damage to the power cord or the plug, if water gets into the device or some object falls into it, if the device gets wet, does not function normally or if you dropped it.

18) Wipe the television cover with a soft dry cloth. Dust the screen gently with a soft cloth. Clean stubborn stains with a cloth soaked in a solution of soap and lukewarm water. Never use for cleaning solvents such as paint thinner or gasoline. Disconnect the AC power cord from the socket when cleaning the television. Otherwise you are in danger of electrical shock.

19) Do not throw batteries in the fire.
- **Do not short circuit, take apart, or overheat the batteries. If the batteries are not replaced properly you risk an explosion. Replace batteries on with the same or equivalent type.**

20) Disposal of used batteries:
- Dispose of the used batteries in accordance with the local environmental laws and regulations.

21) Do not dispose of the television set with regular household waste. When disposing of it, observe the the local laws and regulations.

Note 1: This is a class A product. It may interfere with radio waves during operation. The user may need a repair of this problem. Please, contact the retailer.

Note 2: Electromagnetic fields may cause a temporary performance decrease. It may interfere with the picture.

SENCOR® The appendix to the operation manual for the LCD screen

Warning when viewing static images, red/blue/green/black dots on the screen.

Static image display can cause permanent damage to the LCD panel.

- Do not display a static image on LCD panel for a period longer than 2 hours, since the image may stay impressed on the screen. This image impression is called the "Screen burn". To avoid impressing image, decrease the brightness and contrast on the screen when watching static image.
- A similar effect of a "Burn image" might appear on LCD panel due permanent display of TV channel logo.
- Watching screen in the formats 4:3, 16:9 or similar modes, which do not cover the whole screen for a long period of time, may leave traces of display on the left, right side or the center of the screen, caused by different level of light on the screen. DVD playback or video from games console may cause similar effect on the screen.
- Displaying static image and video games and from your computer for a longer period of time may cause partial residue of the image. To avoid this effect, reduce your brightness and contrast when viewing static images.

The damage caused by the above-mentioned reasons is not covered by warranty!

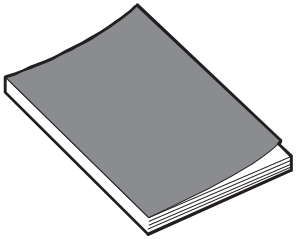
Red, blue, green, and black dots may appear on the screen.

- This is characteristic of the liquid crystals and does not mean a problem. Panel with liquid crystals displays are manufactured using a very precise technology bringing fine image details. On occasion, inactive pixels may appear on the screen, which will appear as solid red, green, blue or black dots (up to a maximum of 0.001% of the total number of pixels). Note that this does not affect the performance of the LCD screen.

Accessories

After unpacking the TV set, make sure that the box contains the following accessories. If any are missing, contact your retailer.

Remote control



User manual

Installation instructions

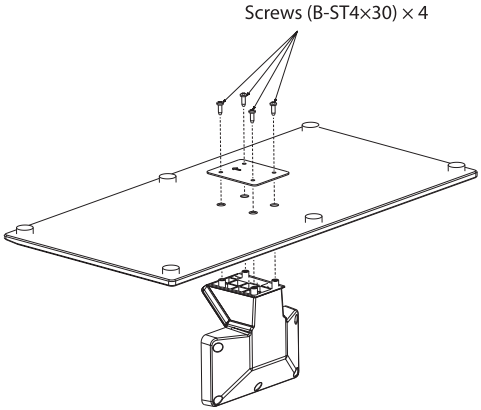
How to assemble the stand?

The stands are supplied separately from the production line and during the installation of the TV set on the stand, or vice versa, their assembly is necessary.

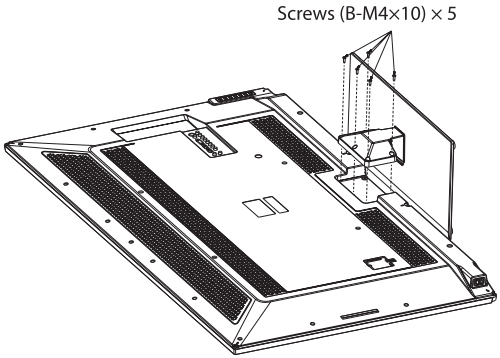
- Before installing the TV set on the stand/removal from the stand, check if the television set is off.
- Place the TV set on a soft surface to prevent damage.

Assembling instructions:

1) Fold the leg of the stand as pictured in the figure below. Tighten using 4 self-tapping screws.



2) Attach the assembled stand to the rear side of the TV set as pictured in the figure below.



Warning:

Pulling on the TV set or climbing on it may cause the TV set to fall. Make sure that children neither pull on the TV set nor climb on it. Otherwise, the TV set may fall and cause injury, even a fatal one. Follow the safety instructions at the beginning of this manual.

Wall mounting (optional)

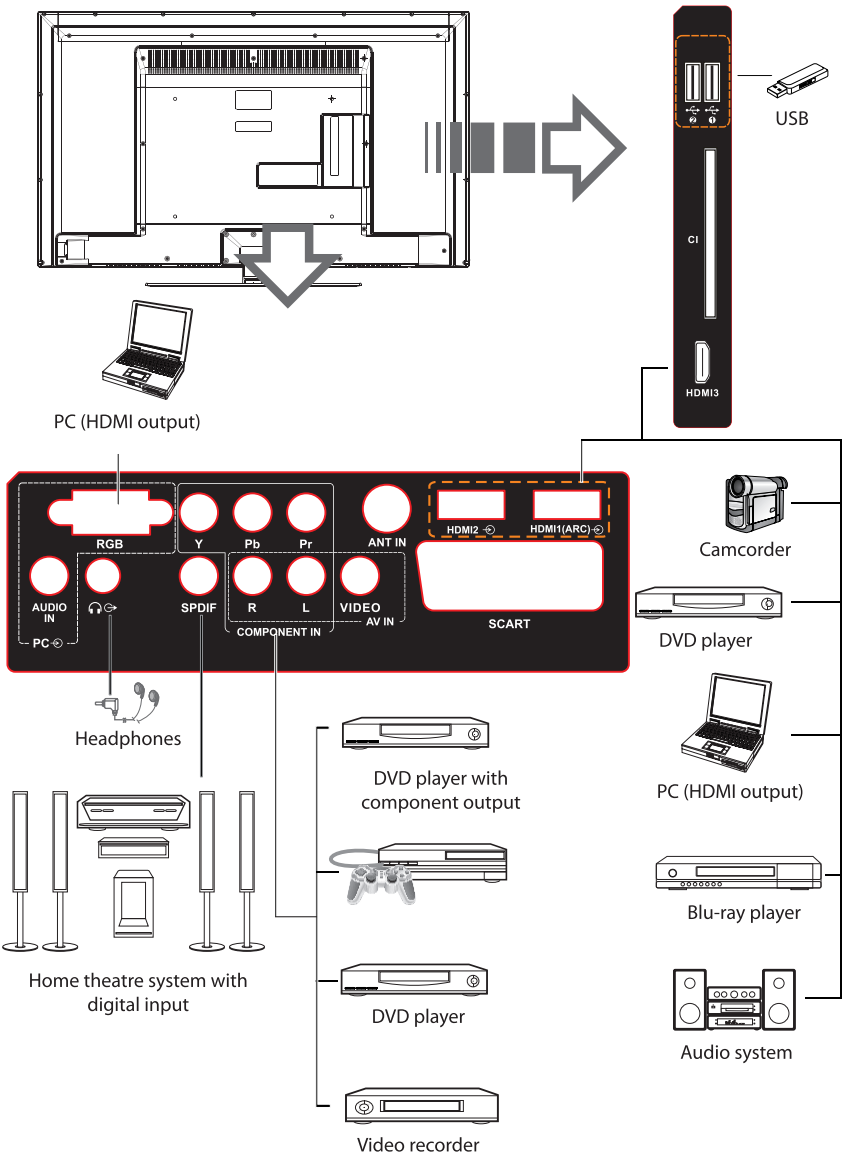
Your TV set may be mounted on the wall with the help of a bracket, suitable for the wall and the TV set. (Not included and has to be purchased). The holes for the bracket installation are located on the rear of the TV set. We recommend the removal of the stand before the bracket installation – see the previous section of the instructions for the removal of the stand.

To install the TV set in the bracket and on the wall, follow the instructions for the bracket.

Device Description

REAR PANEL

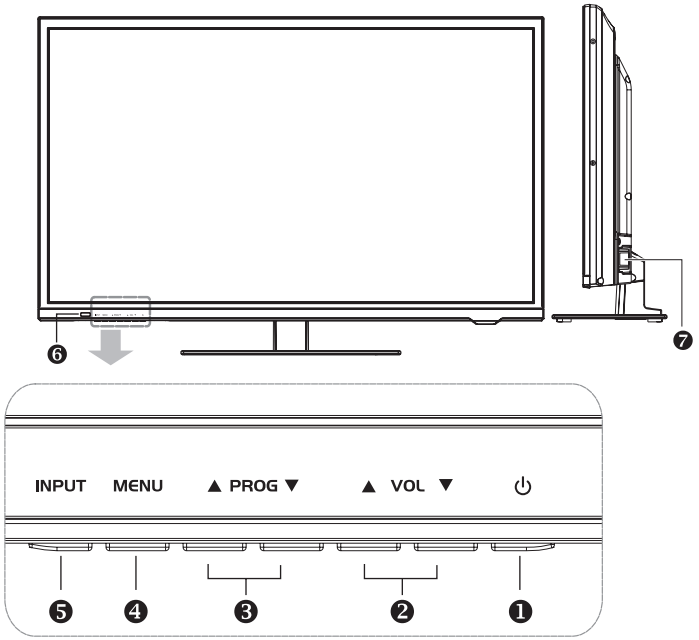
You can connect video devices such as DVD/VCD players, VCR or videocameras to the TV set.



Device Description

FRONT PANEL

The buttons on the bottom panel of the TV set serve as a basic TV control, including the menu. For more detailed control use the remote control.



❶ ⏻
Button is used to switch between normal and standby mode.

❷ VOL ▲ / ▼
Button for volume control. In the menu, this button is used for movement left and right

❸ PROG ▲ / ▼
This button is used to change the channels. In the menu, this button is used for movement up and down.

❹ MENU
This button is used to display the menu of your TV set.

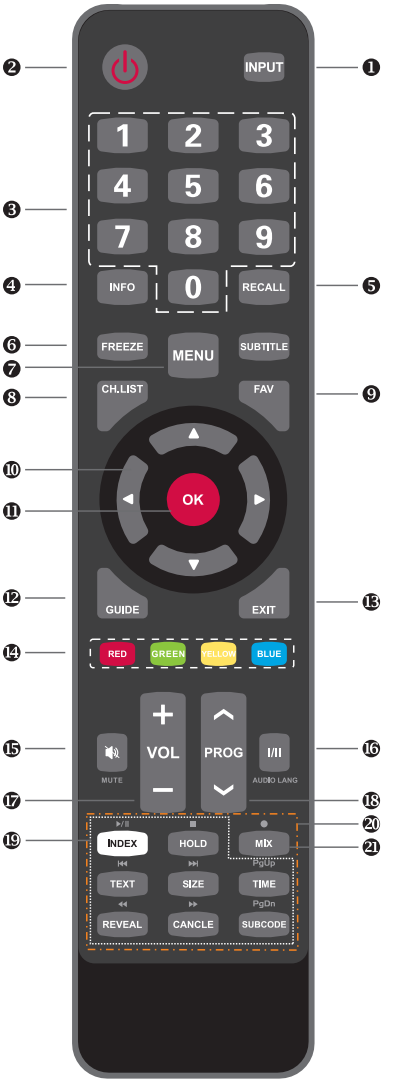
❺ INPUT
Switching between all the available input sources.

❻ Remote control sensor.
Point the remote control at the remote sensor.
Light switch indicator
Red: Standby mode
Green: Television on

❼ Main switch

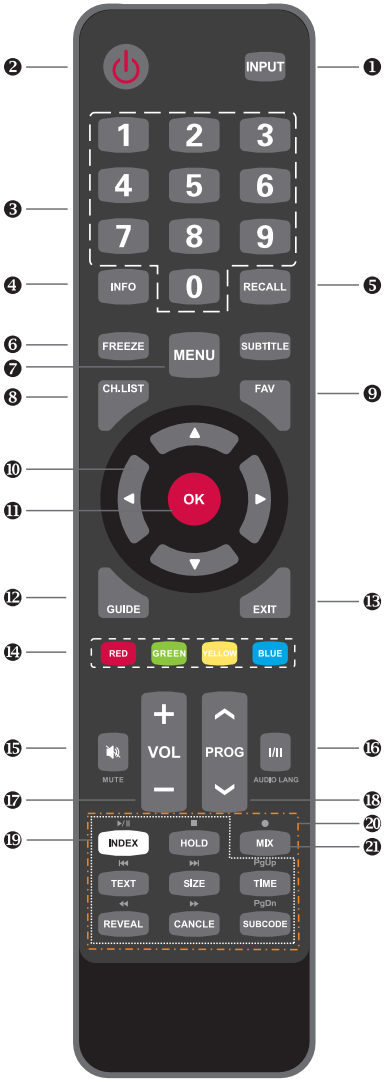
Device Description

REMOTE CONTROL



1. **INPUT button**
   This button is used to switch between different sources. Select a source and press OK to confirm.
2. **POWER button**
   Press this button to switch to standby mode and then again to turn on the TV.
3. **Number buttons (0–9)**
   Used for channel selection.
4. **INFO button**
   This button is used to run "Current Service Banner" (actual information dialog window), which provides information on current service. The information is provided by the broadcaster and the timeliness of the displayed information depends on the broadcasting data.
5. **RECALL button**
   This button is used to return to the previous channel.
6. **FREEZE button**
   This button is used to stop (freeze) the current image.
7. **MENU button**
   Press this button to access or exit the main menu. If you are in a submenu, you can use this button to return to the main menu.
8. **CH LIST button**
   Press to display the list of channels on the screen.
9. **FAV button**
   Press to display your favourite channels.
10. **Directional buttons**
    Press these button to move the cursor up/down/left/right.
11. **OK button**
    Press this button to display the recorded programs. This button is used in the main and secondary menus for confirmation.
12. **GUIDE button**
    This button serves to start the application EPG with the DTV source. The information is supplied by the broadcaster and the timeliness of the displayed information depends on the broadcasting dates.
13. **EXIT button**
    Exit from the selection.

Device Description



14. **Coloured buttons (red, green, yellow and blue)**
    These four buttons are used to display the buttons on the current menu/page.
15. **MUTE button**
    Pressing this button will mute the sound, pressing it again will switch the sound on.
16. **I/II / Audio Lang button**
    This button is used to set the audio NICAM with the ATV source.
    This button is used to set the language of the audio with the DTV source.
17. **VOL +/- buttons**
    Press these buttons to change the volume of the TV set.
18. **PROG ▲ / ▼ buttons**
    Press these buttons to move to channels forward or back. In the teletext mode, these buttons are used to move to the next or to the previous page.
19. **Control buttons for video media player.**
    PLAY/PAUSE; STOP, PREV, NEXT, PAGE +/-, F.FWD a BACK buttons are used to switch the TV to the USB mode. Follow the instructions in the operating manuals for the appropriate device.
20. **The teletext buttons**
    You will find detailed information how to use "Teletext" on the next page.
21. **MIX (●)**
    Teletext button for different functions. You will find more information on the next page. This button is used also when recording in the DTV mode – more information later in the manual.

Device Description

Teletext

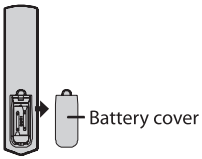
Teletext is a television information system, which may be read like a newspaper. It also offers subtitles for viewers with hearing difficulties or for viewers who do not know the language of the broadcast. These buttons are used for the control of the teletext:

1. **TEXT button**
   Press the button TEXT to switch to or to exit the teletext mode.
2. **HOLD button**
   Press the HOLD button to switch on and for holding. If the holding function is on, the loading of pages will stop. If the holding function is off, the loading of pages will start.
3. **SIZE button**
   Press the SIZE button once to display the upper part of the screen in double size, press it twice to display the bottom part of the screen in double size, press three times to display the whole screen in the standard size.
4. **Coloured buttons (red, green, yellow and blue)**
   These four buttons are used to display the buttons of the current page.
5. **INDEX button**
   The INDEX button is used to display the index page.
6. **REVEAL button**
   Some pages contain hidden information. The hidden text will appear after pressing the REVEAL button. The hidden text will disappear when requesting another page, or when pressing the REVEAL button.
7. **CANCEL button**
   Press the CANCEL button to remove all the content of the displayed teletext, if the system was already in the delete mode. To restore the full screen display, press this button again.
8. **SUBTITLE button**
   Turn the subtitles on or off in the teletext. The subtitles represent a different mode, in which only some buttons are available. No other message will be displayed, only the teletext subtitles.
9. **SUBCODE button**
   The Subcode mode enables to select certain pages with a secondary code from the teletext page. Select the secondary code by entering numbers 0...9. After the numbers are selected the page request will be displayed. Press the PROG+/PROG- buttons to change pages with the secondary code.
10. **TIME button**
    This button is used to display the time of the teletext.
11. **Number pad**
    You can use these buttons to enter the page number.
12. **PROG ▲ / ▼ buttons**
    You can use these buttons to move the page up and down.
13. **MIX button**
    The page of the teletext will become transparent when you press the MIX button and the broadcast and the teletext pages will be displayed simultaneously. By pressing the MIX button again, you will exit this mode.

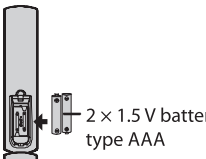
Device Description

Inserting batteries into the remote control

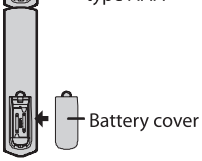
1. Open the battery cover on the back.

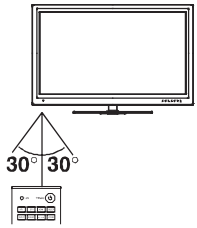


2. Insert two 1,5V batteries type AAA, be sure to maintain polarity. Do not use old and new batteries in the same time.



3. Close the cover.





- Place the remote control against the sensor of the wireless tv set and use it at the distance of 8 meters.
- Dispose of the used batteries properly – they may harm the environment.

Note:
Remove the batteries if you plan to store the remote control or if you will not use it for a long time.
To use the remote control, point the remote to the TV set and then press the desired function button. The effective range of the remote control is about 5 meters with deviation +/- 30° off the perpendicular direction to the remote control sensor on the front of the device. The effective range of the remote control decreases with reduced capacity of the batteries.

- Make sure that there are no obstacles in the space between the remote control and the TV set.
- When using normally, the life of the batteries is about 1 year. After a significant shortening of the effective remote control range or when there are problems with using the device, change both batteries in the remote control.
- If you will not use the remote control for a long time, remove both batteries from the remote control, you will prevent an eventual damage to the device by leakage.

The batteries should not be exposed to excessive heat, such as sun rays, fire, etc. Improper use of batteries may cause leakage of the electrolyte and corrosion. For the remote control to operate properly, use these instruction:

- Do not insert batteries with wrong polarity.
- Do not charge, heat or open the batteries.
- Do not throw the batteries in the fire.
- Do not leave dead batteries in the remote control.
- Do not combine different types of batteries or old and new ones.
- If you will not use the remote control for a long time, remove both batteries from it, you will prevent an eventual damage to the device by leakage.
- If the remote control does not work properly or its effective range decreases, change all the batteries for new ones.
- If there is an electrolyte leakage from the batteries, have the remote control serviced by an authorized technician.

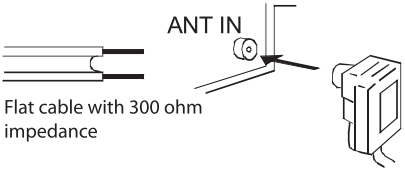
External devices connection

ANTENNA CONNECTION

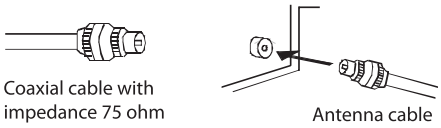
The antenna resistor input in this device is 75 ohm. The antenna jack may be connected directly to the coaxial cable VHF/UHF with 75 ohm. If the antenna has a flat parallel power cable with 300 ohm impedance, you have to use a converter 300 ohm/75 ohm to connect it to the antenna jack. Details: See the following picture.

Flat antenna cable with impedance 300 Ω

Use converter 75 ohm/300 ohm

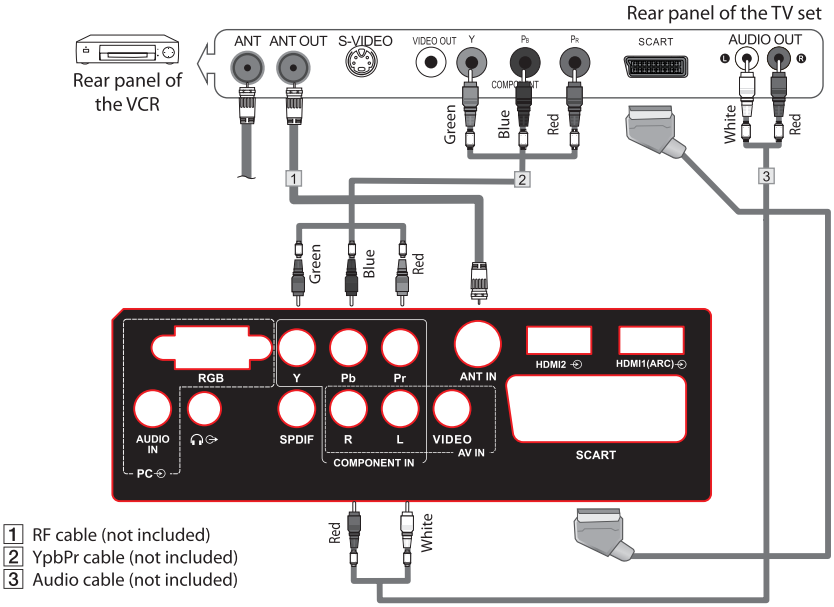


Antennas with round cable with impedance 75 Ω



CONNECTING A VCR

The following instructions are based on the assumption that you have already connected the tv set to the antenna or to the cable system. If you did not do so, omit step 1.

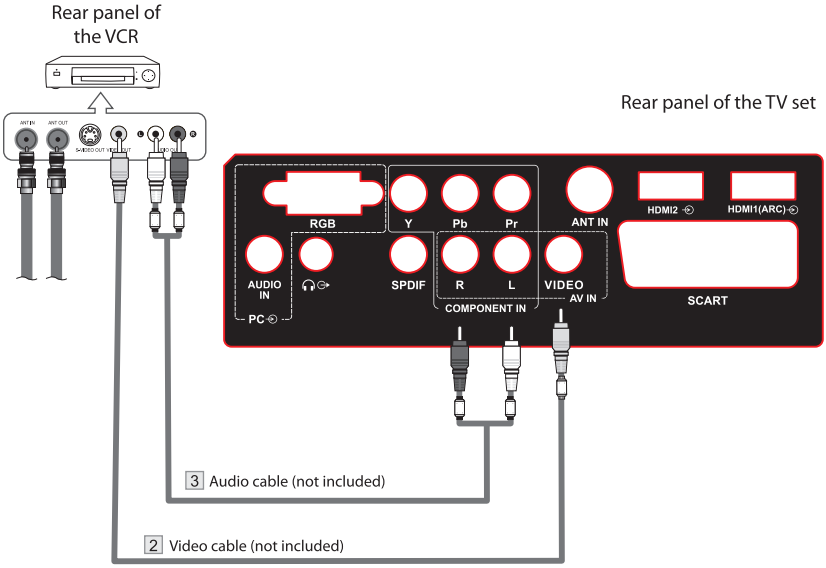


To replay a VCR tape, follow the instructions in the part VCR replay or Video camera replay. Every VCR has a different arrangement of the rear panel. The colour of the connector has to match the colour of the cable when connecting the VCR. We recommend the use of cables with ferrite core.

1. Disconnect the cable or the antenna from the rear panel of the TV set.
2. Connect the cable or the antenna into the ANT IN jack at the rear of the VCR.
3. Connect the RF cable between ANT OUT on the VCR and the ANT IN jack on the TV set.
4. Connect the cable SCART between SCART OUT on the VCR and the jack SCART / AV on the TV set. Insert the green, yellow and white/red end of SCART cable/AV to YPbPr socket and CVBS/CON and L/R sockets of the TV set.

External devices connection

CONNECTING THE VIDEO RECORDER (COMPOSITE OUTPUT)



If you have a mono VCR, use a cable with a Y connector (not supplied) for connection to the right or left input of the TV set. If you have a stereo VCR, it is necessary to connect two cables.

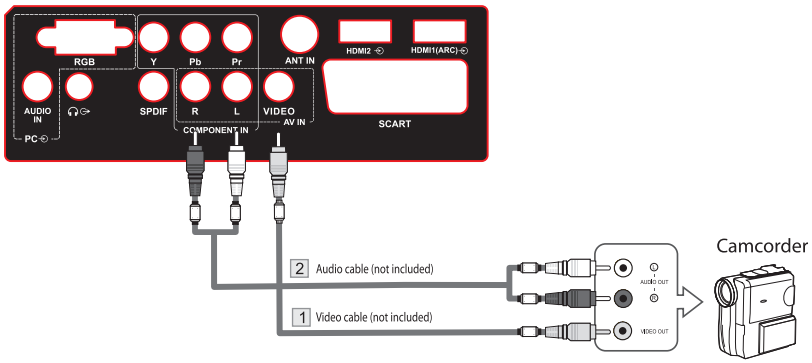
Note:

1. When connecting any external devices to the TV set, make sure that all the connecting devices are switched off.
2. When connecting any external devices make sure that the colours of the cable ends are the same as the cables.

CONNECTING A CAMCORDER

The rear panel of the TV set enables an easy connection of the camcorder to the TV set. You will be able to view your recordings without having to copy them to the VCR.

Different models of the camcorder have different configurations of the panels with buttons.
When connecting the camcorder to the TV set, pay attention to the colour of the connector cables. We recommend the using cables with ferrite core.



External devices connection

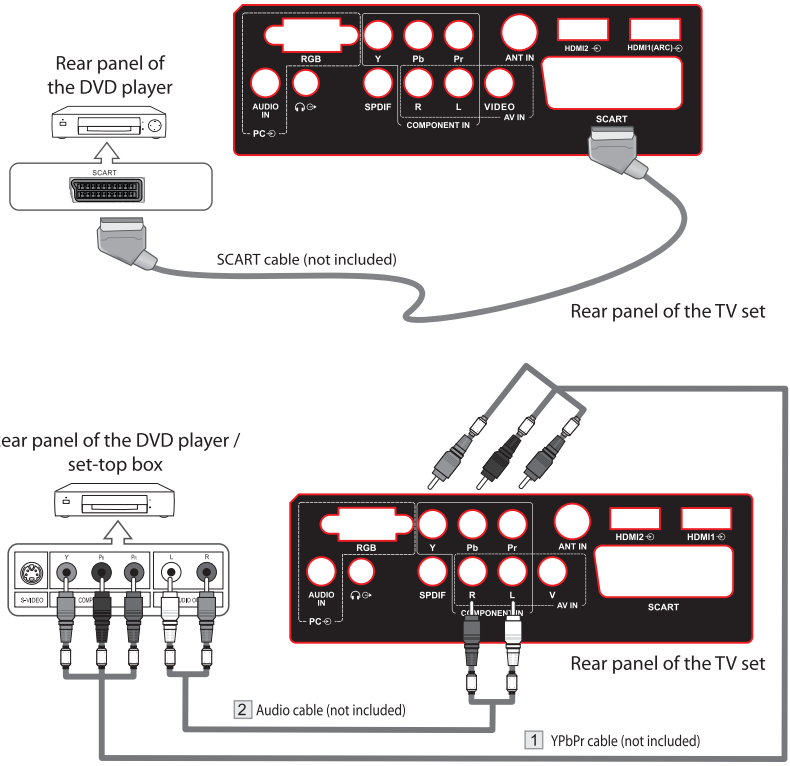
1. Connect the video cable between VIDEO on the AV cable (1 in 3) and the VIDEO OUT jack on the camcorder.
2. Connect the video cable between the AUDIO L and AUDIO R on the AV cable (1 in 3) and the AUDIO OUT jack on the camcorder.
3. Insert the small plug on the AV cable into the input jack AV1 IN on the TV set.
4. Connect the video cable between the green plug of the YPbPr cable (1 in 3) and the output jack VIDEO OUT on your DVD.
5. Connect the audio cables between the AUDIO L and AUDIO R on your TV set and the output jacks AUDIO OUT on your DVD.
6. Insert the small plug on the YPbPr cable into the YPbPr/V2 jack on your TV.

Note:

1. When connecting any external devices to the TV set, make sure that all the connecting devices are switched off.
2. When connecting any external devices make sure that the colours of the cable ends are the same as the cables.

CONNECTING THE DVD PLAYER/SET-TOP-BOX WITH THE OUTPUT COMPONENT.

The rear panel of the TV set enables an easy connection of the DVD player to your TV set.



Component video divides video into Y (brightness/light), Pb (blue) and Pr (red) for a better quality video. Make sure that the connection of the component video and audio is a match. Every DVD player or a set-top box have different arrangement of the rear panel.

External devices connection

For example, when you connect the video cable into the COMPONENT IN input, connect in the same time the audio cable into the input COMPONENT IN.
Every DVD player or a set-top box have a different rear panel.
When connecting DVD player or set-top box, make sure that the colours of the cable ends are the same as the cables.
We recommend the using cables with ferrite core.

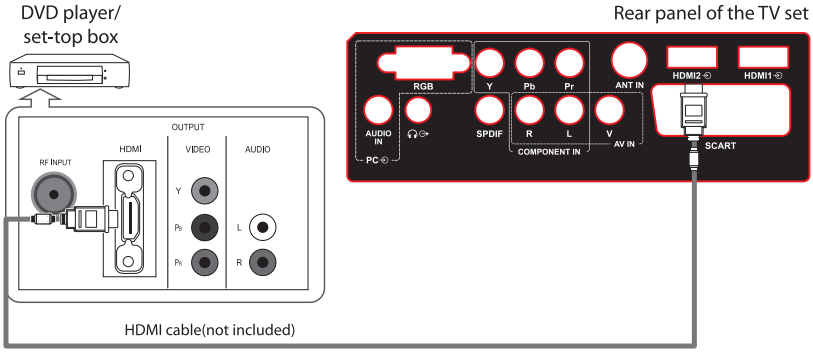
1. Connect the YPbPr component cable (1 in 3) between the COMPONENT IN jack [Y, Pb, Pr] on the TV set and COMPONENT [Y, Pb, Pr] on the DVD player. Insert the small plug on the YPbPr cable into the YPbPr/V2 jack on your TV.
2. Connect the audio cables between the COMPONENT IN (R-AUDIO-L) on the TV set and AUDIO OUT on the DVD player.

Note:

1. When connecting any external devices to the TV set, make sure that all the connecting devices are switched off.
2. When connecting any external devices make sure that the colours of the cable ends are the same as the cables.

CONNECTING DVD PLAYER/SET-TOP BOX WITH HDMI

This connection can be made only if the external device has a HDMI output jack.



What is HDMI?

HDMI,or multimedia Interface with high definition, is a new generation of interfaces enabling the transmission of digital audio and video signals using only one cable without any compression. The term multimedia interface is accurate because it enables more channels of digital audio (5.1 channels).
The difference between HDMI and DVI is that HDMI is smaller, has built-in encryption feature (HDCP protocol against image copy protection) and supports multi-channel digital audio. Every DVD player or a set-top box has a different arrangement of the rear panel.
We recommend the using cables with ferrite core.

Connect the HDMI cable between the HDMI on the TV set and HDMI on the DVD player or on the set-top box.

Note:

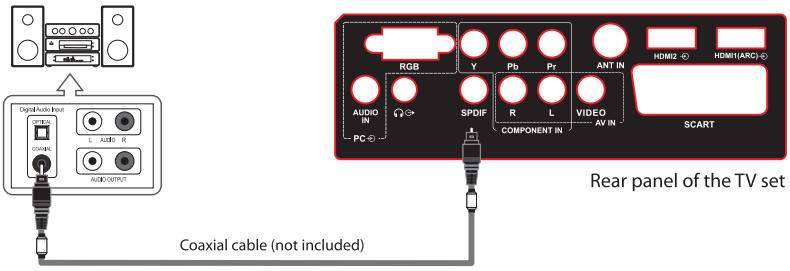
1. When connecting any external devices to the TV set, make sure that all the connecting devices are switched off.
2. When connecting any external devices make sure that the colours of the cable ends are the same as the cables.

External devices connection

CONNECTING DIGITAL AUDIO SYSTEM

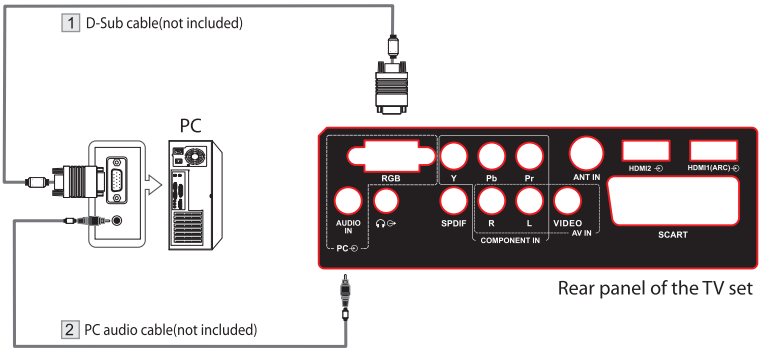
Connection of the digital audio system to your TV set is easy thanks to the jacks on the rear panel of your TV set.

Digital audio system



Connecting 5.1CH is possible only if the TV set is connected to an external device supporting 5.1CH.
Connect the coaxial cables between the SPDIF on the TV set and the input jacks of digital audio on the digital audio system. If the digital audio system is connected to the SPDIF, lower the volume of the TV set and adjust the volume with the volume control.

PC CONNECTION



Every PC has a different arrangement of the rear panel.
HDMI does not support connection to PC.
We recommend the using cables with ferrite core.

1. Connect D-Sub cable between RGB/PC IN on the TV set and the output jack PC on your computer.
2. Connect the audio cable of the computer between the PC AUDIO IN on the TV set and AUDIO OUT on the sound card of your PC.

Before connecting the TV set to your PC the software has to be set up – more information further in the manual.

Note:

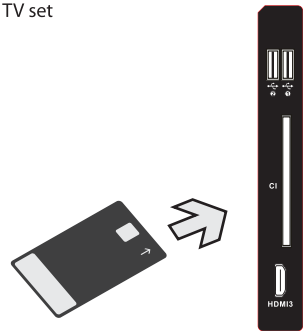
1. When connecting any external devices to the TV set, make sure that all the connecting devices are switched off.
2. When connecting any external devices make sure that the colours of the cable ends are the same as the cables.

External devices connection

CI SLOT

Insert CAM module and afterwards card in the CI slot. Contact the provider or the operator of the module and card for more information.
Note: The TV set should be always off prior to inserting/removing card or module.

Rear panel of the TV set



SUPPORTED SIGNALS

Input	Mode
DTV	DVB-T / DVB-C
ATV	PAL BG DK I
	SECAM DK BG L
CVBS	PAL/NTSC/SECAM

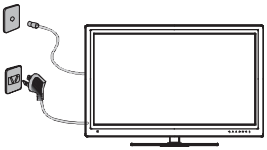
Input	Resolution		Vertical Frequency
PC/VGA	VGA	640 × 480	60 Hz
	SVGA	800 × 600	60 Hz
	XGA	1024 × 768	60 Hz
	SXGA	1280 × 1024	60 Hz
		1360 × 768	60 Hz

Input	Resolution	Vertical Frequency
Component	480i	60 Hz
	480p	60 Hz
	576i	50 Hz
	576p	50 Hz
	720p	50 / 60 Hz
	1080i	50 / 60 Hz
	1080p	50 / 60 Hz
HDMI	480p	60 Hz
	720p	50 / 60 Hz
	1080i	50 / 60 Hz
	1080p	50 / 60 Hz

Basic controls

TURN THE TV SET ON AND OFF

1. How to turn the TV set on and off?



1. Insert the power cable into a grounded socket and press the power switch (POWER) on the right side of the TV set.
2. If the TV set will be switched to a standby mode, to switch it on press the button POWER on the remote control or the button ⏻ on the TV set.
3. The picture will appear on the screen after about 10 seconds. In case of absence of the input signal, the screen will display "No signal".
4. If you need to switch off the TV set temporarily, press POWER button on the remote control, or the button ⏻ on the right panel of the LCD TV set and the set will switch to standby mode.
5. If you want to switch off the TV set completely, you should switch off the power supply or disconnect the power cord from the wall socket.
6. After turning the TV set off, wait at least 5 seconds before your restart it.

Status indicator

Red: standby mode
Green: On

Automatic shutdown

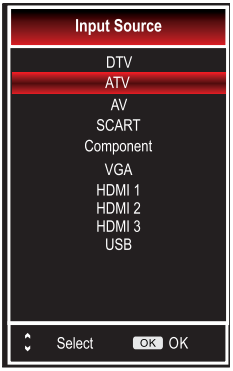
In case of not finding a signal within 10 minutes, the TV set will switch to a standby mode.

Memory before turning off the TV set

The settings and the preset channels will be will be saved when the TV set will be switched off. After the restart of the TV set, it will function according to the settings set up before being switched off.

USING THE MENU

1. Input Setup



Press the INPUT button on the remote control. The screen will display selection **INPUT SOURCE**. These signal sources are available – **DTV** (digital TV), **ATV** (analog TV), **AV** (signal from audio / video connectors), **SCART** (signal from the SCART connector), **Component** (component signal), **VGA** (audio / video signal from PC); **HDMI 1**, **HDMI 2**, **HDMI 3** (signals brought to the TV set through the HDMI connector), **USB** (signal from USB) – press the ▲ / ▼ buttons to select. Confirm by pressing **OK**.

2. Channels Selection

To switch the TV set to receive the desired TV channel you can use the following options:

1. Using the numerical buttons **OK** on the remote control, for example to switch the TV set to channel 90, press the buttons 9 → 0 → OK. If you are using the numerical buttons, you can select programs which were deleted before and were not saved.
2. With the buttons **PROG** △/▽ on the TV set or on the remote control. Press repeatedly **PROG** △/▽ and select the channels. The deleted channels or the ones which were not saved, will not be displayed.
3. Press the button **RECALL** to switch the TV set to previously watched channel.
   To switch quickly to a channel on the opposite side of the channel list, enter its number with the numerical buttons. After that press the button **RECALL** and you will be able to switch between the programs.
   The button **RECALL** does not work if a channel was not changed after the TV set was switched on.
4. To select a channel use **Channels List** or **Favorite Channels List** – confirm channel selection with **OK**.

3. Volume adjustment/mute

Adjusting the volume

Use the button for volume adjustment **VOL** △/▽ on the remote control or on the TV set. When pressing the button, the screen will display the menu for volume range 0–100, the set volume is displayed for a few seconds on the screen.

- To lower the volume press the button **VOL** △.
- To raise the volume press the button **VOL** ▽.

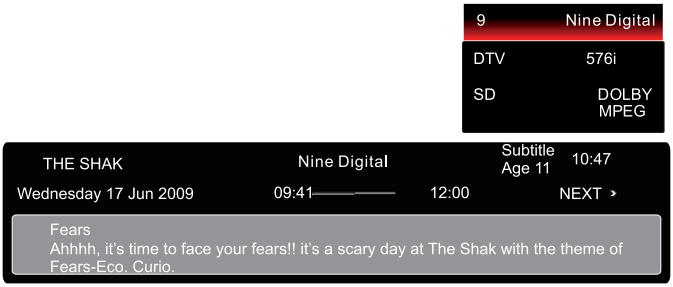
Mute

To mute the volume immediately, press **MUTE** on the remote control – in the lower left corner of the screen appears the mute icon

To restore the original volume press **MUTE**, to cancel mute and to set the required volume use the button **VOL** △.

4. Current Channel Information

To display information about the current TV program press button **INFO** on the remote control. Individual terms are shown in the following picture.



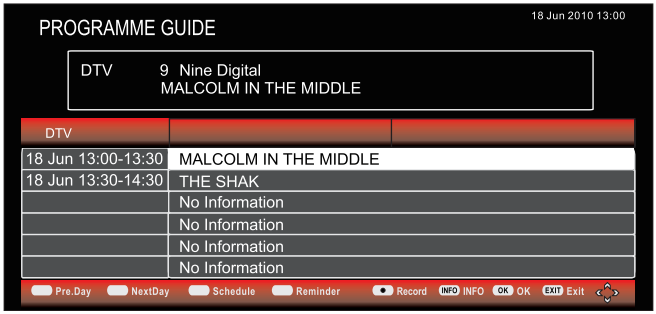
To exit the displayed information press **EXIT**.

5. GUIDE Menu

To display selection press **GUIDE** on the remote control. In the first line of the selection will be displayed the program number, the name of the program, the name of the received program and the current time.

The next lines will display the same information about other TV programs.

To switch to receive the desired program select with ▲ / ▼ the line of the desired program and then, by pressing **OK** you will switch to receive it.



DTV EPG

In the DTV mode press the button **GUIDE** to enter the selection of the electronic guide of the digital TV programs. (It is not possible to display this selection, if you have no signal.)

1. EPG information is provided by the channel provider and it displays the program schedule week ahead (the information depends on the channel provider).

Basic controls

2. TV listings of each channel is a numerical axis. With buttons ◄/► select a program and with buttons ▲/▼ highlight the program. The background of the name will change to white. Press **INFO** to display detailed information. Press **OK** to display selected program.
3. To reserve a program, press the blue button (Attention). If the TV set is in the DTV mode, then it automatically switches in the set time to the reserved program. To access the list of the reserved programs, press the yellow button (Plan).

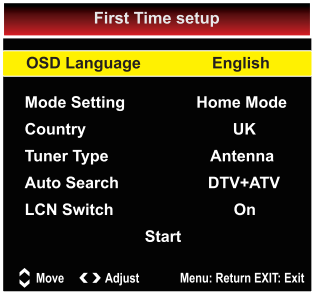
Prev. Day (Previous day): Press the red button to display the programs aired the previous day.
Next Day (Next day): Press the green button to display the programs to be aired the next day.
Schedule (Schedule): Press the yellow button to list the programs which were programmed to to alert the user to the beginning of the broadcast.
Reminder (Reminder): Press the blue button to list the programs to be recorded.
Record (Record): Press the button **RECORD** to display the window **RECORDER**.
INFO: Press this button to display information about the selected program.
OK: Press this button to switch the TV set to the selected program.
EXIT: After program selection and pressing **OK**, press **EXIT** to view the program.

6. Installation Guide

When you first turn on the TV set, where the program search was not yet carried out, the screen will display the Installation Guide, which has 3 parts: **OSD Language**, **Country** and **Channel Tuning**.

1. With buttons ▲ / ▼ select line **OSD Language** and then with buttons ◄/► choose the desired language.
2. Press ▲ / ▼ to select **Mode Setting** and then press ◄/► to select the mode settings.
3. With buttons ▲ / ▼ select **Country** and then with buttons ◄/► select the country of the TV set installation.
4. Press ▲ / ▼ to select option **Auto Search** and then press Start or DDD to initiate automatic search.
5. Press ▲ / ▼ to select option **LCN Switch** (Switch on logical channel numbering) and then press ◄/► to turn on or off this function.

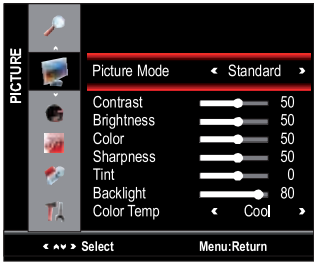
To exit the program search, press **EXIT**, select **YES** and to exit programming press **OK**.



Note: Installation guide will appear after the first reset.

PICTURE

1. Press **MENU** to display main menu on the screen.
2. With the buttons ▲ / ▼ select submenu **Picture**.
3. To display submenu press ►.
4. Press button **PICTURE** for direct selection of submenu on the remote control.
   The following functions are part of the submenu.



Picture Mode

You can select one of 4 picture modes: **Standard**, **Mild**, **User** and **Bright**. **Standard**, **Mild** a **Bright** are set by the manufacturer. Mode **User** contains a set of picture functions to be set by the user. These are functions **Contrast**, **Sharpness**, **Tint** and **Colour**.

1. With the buttons ▲ / ▼ select submenu **Picture Mode**
2. With the buttons ◄ / ► select the desired picture mode.

- **Standard**: select for best picture under normal conditions.
- **Mild**: select for comfortable viewing in a dark room
- **Bright**: select for high resolution picture in a bright room. **User**: select for setting the picture functions by the user

Basic controls

User Mode
To control settings of the picture quality, follow these instructions:
1. With the buttons ▲ / ▼ select the required picture function.
2. Press button ◄ / ► to set the selected function.
   The settings are saved in the memory until the next change.

Note: The settings will be saved under the selected item.

Contrast: Function to control the ratio between the brightest and the darkest objects and their background.
Brightness: Function to set brightness of the picture.
Colour Function to set colour shade(lighter or darker).
Sharpness: function to sharpen / blur the outlines of the objects in the picture.
Tint: Function to set the hue of the colours (green/red). To set the tint is possible only for signal using the TV system NTSC.

Backlight
This function allows you to change the brightness of the whole screen according to your needs.
1. With buttons ▲ / ▼ select function **Backlight**.
2. With buttons ◄ / ► set the desired backlight brightness of the screen.

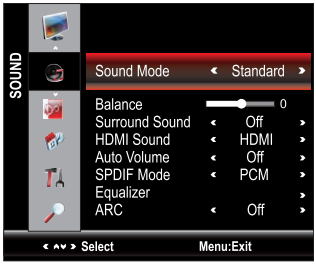
Backlight: Set the brightness of the whole screen.

Color Temp
You can change the colour temperature using this function..
1. With buttons ▲ / ▼ select function **Colour Temp**.
2. With buttons ◄ / ► select the desired colour temperature.

Standard: for white colour fidelity.
Warm: To change the hue of the colours to the red.
Cool: To change the hue of the colours to blue.

SOUND

1. Press the **MENU** button – the main menu appears on the screen.
2. With buttons ▲ / ▼ select submenu **Sound**.
3. Press button ► after the submenu display.
4. Press button SOUND to enter directly the submenu on the remote control.



Sound Mode
There are 5 sound modes available, which allow, depending on the program, adjust the sound to your requirements. These are following modes: **Standard** / **Music** (Music) / **Movie** / **Sports** / **User**.

1. With buttons ▲ / ▼ select **Sound Mode**.
2. With buttons ◄ / ► select sound mode.

Standard: for normal TV use
Music: for clear and vivid sound when listening to music
Movie: for full and live sound of the movies
Sports: for sports broadcasts
User: for setting the sound functions by the user.

Balance
Function of volume balance of the right and left channel.
1. With buttons ▲ / ▼ select **Balance**
2. With buttons ◄ / ► balance the right and left channels.

Surround Sound
This function enables switching the surround sound on/off.
1. With buttons ▲ / ▼ select **Surround Sound**.
2. With buttons ◄ / ► switch on (**Surround**) or off (**Off**).

Basic controls

HDMI Sound
This selection is possible only in the HDMI mode.
1. With buttons ▲ / ▼ select **HDMI Sound**.
2. Press ◄ / ► to select **HDMI Sound mode**, **HDMI** or **PC–RGB** mode.

Auto Volume
Each channel has its own broadcasting requirements and it may be uncomfortable for the user to adjust volume with each change of channel. This function will set the volume of the individual TV programs in such a way that it would not be necessary to change volume after a change to a different program.
1. With buttons ▲ / ▼ select **Auto Volume**.
2. With buttons ◄ / ► switch this function (**On**) or (**Off**).

SPDIF Mode
This function is accessible only if the TV set is switched to the HDMI/DTV mode. It means that you can specify the digital audio signal at the output of the digital optical connector audio SPDIF.
1. With buttons ▲ / ▼ select **SPDIF Mode**.
2. With buttons ◄ / ► select **RAW** (in the connector SPDIF will be available a multichannel audio signal in the format Dolby Digital) or two channel audio signal in the format **PCM**.

Mode User (equalizer)
1. Select ▲ / ▼ with the button **Equalizer**
2. To switch to equalizer settings submenu, press **OK** or ►.

Audio can be adjusted according to your requirements – follow these steps:
1. With buttons ▲ / ▼ select the audio function you want to set.
2. With buttons ◄ / ► set the selected function according to your requirements.

Note: The settings are saved in the memory until the next change.

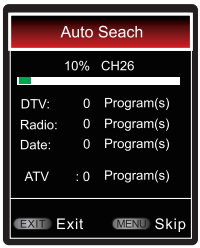
CHANNEL

1. Press **MENU**. The main menu will appear on the screen.
2. With buttons ▲ / ▼ select submenu **Channel**.
3. When you select the submenu, press ►.

Auto Search
Pro Auto search select ▲ / ▼ function **Auto Search** and to display the window with selections press the button **OK** or ►.
In the line **Country Select** select the country of the TV installation, in the line **Tune Type** specify the scan frequency of the analog (ATV) digital TV (DTV), it is also possible to select **DTV + ATV**.
Then select with the button ▼ **START** and to start channel search press **OK**. You can view the progress on the screen.
To exit the channel search when running, press ▲ / ◄ / ► the item **CANCEL** and then press **OK**.

Basic controls

In the course of the search the screen will display the number of the found programs.
If you selected **DTV + ATV** the frequencies of the analog TV will be followed by the search of the frequencies of the digital TV.
End of the search will be indicated by displaying of appropriate message on the TV screen.



Notes

1. After finishing the analog search, press **MENU**. The screen will display a reminding message.
2. The same procedure applies to the completion of DTV program search.
3. After the finishing of the search of the ATV and DTV, press **EXIT**.

ATV Manual Search
From the screen **ATV Source** select for the manual search of analog channels **ATV Manual Search**.

Analog: Displays the frequency of the required channel.
Current CH: Displays the number of the memory location and by pressing ◄ / ► select the program you want to modify.
Colour System: Press this button to select the color system.
Sound System: Press this button to select the sound system.
AFC: It is possible to change the AFC mode.
Search: Press ► to start searching for programs from the lowest frequency upward, or press ◄ to search for programs from the highest frequency downward. After the program is found, the search will stop. Save the program and to continue the search press this button again.

DTV Manual Search
From the screen **DTV Source** select manual DTV search **DTV Manual Search**.
Press ◄ / ► to select TV channel and to search press **OK**. The channel will be saved in the channel listing.

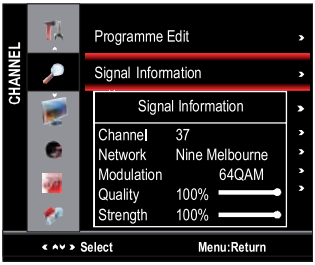
Program Edit
To display submenu **Program Edit** use ▲ / ▼. To erase, to change name, to move the program to another place in the list and to skip, use the colour buttons. To insert program in the favourites, press **FAV**.

- **DEL**
  Press the red button to enter in the menu "DEL", select program from the list to delete, and for the its deleting press the red button again.
- **MOVE** (only for ATV)
  Press ▲ / ▼ to select a program which you want to move to another location on the list, and press the yellow button.
- **SKIP**
  Press ▲ / ▼ to select the program, which you want to skip and then press the blue button.
- **FAV**
  If you select a favourite program, press **FAV** to add to the list of favourites Later you can press **FAV** on the remote control to choose the favourite program

Basic controls

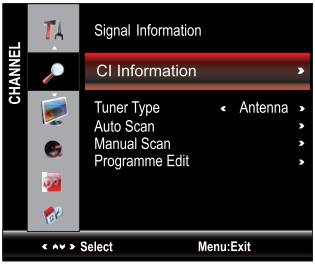
- **RENAME** (only for ATV)
  Press ▲ / ▼ to select the channel, which you want to rename, and then press the green button to enter the menu "Rename". Here press ▲ / ▼ and ◄ / ► to rename the channel (only in ATV mode).

Signal Information (only for DTV)
1. Press ▲ / ▼ to select function Signal Information.
2. After the signal information will be displayed, press **OK** or ►.



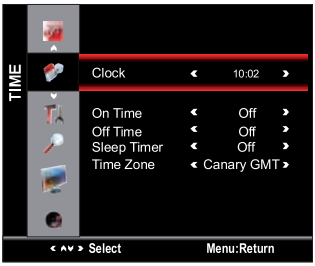
Note:
Signal quality/Signal strength (only for DTV mode):
Unlike the analog channels that may vary in reception quality, digital channels need quality signal reception, otherwise you cannot receive the channels. In difference to analog channels, you cannot fine tune the digital ones. If the signal strength shows poor reception, a possible solution would be an antenna setup for boosting the signal reception. If the signal would not be strong enough, you will not be able to receive these channels.

CI Information
1. Press ▲ / ▼ to select **CI Information**.
2. Press ► to enter submenu.
3. Press ▲ / ▼ to select item.
4. Press ► to display the the information of the selected item



TIME

1. Press **MENU**. The main menu will appear on the screen.
2. Press ▲ / ▼ to select submenu **Time**.
3. After submenu selection, press ►.



Clock
If necessary, it is possible to set the clock, but after changing the TV set to DTV reception, the clock will be set according to the signal from the broadcasted and received programs.

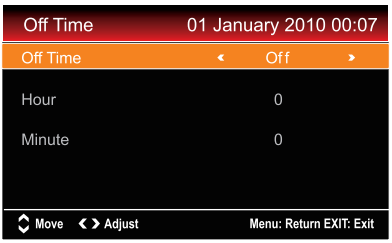
Off / On Time
In the mode **Off Time** press ◄ / ► or **OK** to enter the submenu. Set the date and time to turn the TV set off.
In the mode **On Time** press ◄ / ► or **OK** to enter the submenu. Set the date and time to turn the TV set on. You can also select on which day of the week you want to use this function.

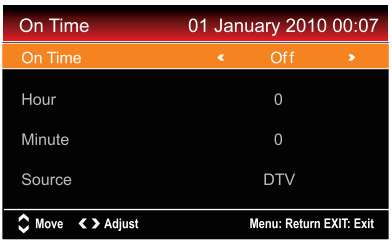
Sleep Timer

1. Press ▲ / ▼ to select **Sleep Timer**.
2. Press ◄ / ► to select the time to switch the TV off (10; 20; 30; 60; 90; 120; 180 or 240 minutes, by pressing **Off** this function will be disabled)

Notes:

1. Programming of this function is for one time only, if you want to use it repeatedly, you have to program it each time anew.
2. 60 seconds before the automatic turn off of the TV, a warning message will appear on the TV screen. I f you do not want the TV set off, press any button.





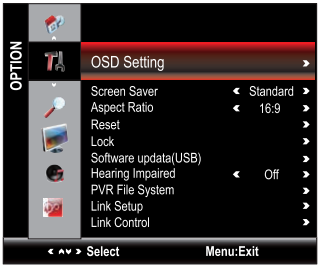
Time Zone

This function allows you to change the time zone of the clock.

1. Press ▲ / ▼ to select **Time Zone**.
2. Press ◄ / ► to select the desired time zone.

OPTION

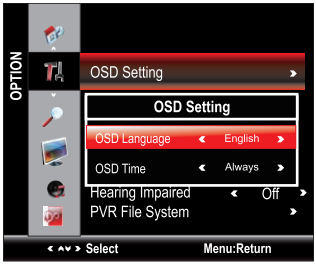
1. Press **MENU**. The main menu will appear on the screen.
2. Press ▲ / ▼ to select submenu **Option**.
3. After selecting the submenu, press ►.



OSD Setting

Function to display information about the current TV settings.

1. Press ▲ / ▼ to select function **OSD Setting**.
2. Press **OK** or ► to enter the submenu to set display OSD settings.
   Press **OSD Language** to specify the language of the OSD information.
   Function **OSD Time** specifies the length of time after which the screen will turn off the displayed OSD information.



Screen Saver

This function is used only for the TV set in the ATV mode.
Press ▲ / ▼ to select **Screen Saver**.
Press ◄ / ► to turn the function on (**On**) or off (**Off**).

Aspect Ratio

You can select the aspect ratio which suits you best.

1. Press ▲ / ▼ to select **Aspect Ratio**.
2. Press ◄ / ► to select the desired aspect ratio.
   You can also press the button Aspect on the remote control and select the chosen aspect ratio (**16:9**, **4:3**, **Panorama**, **Movie**, **Full view**, **Auto**).

Reset

Select **Reset** and press **OK** or ► or select in the dialog box **Yes** or **No**.

Note:

Use reset carefully, because you will restore the original factory settings and your settings will be erased.

Basic controls

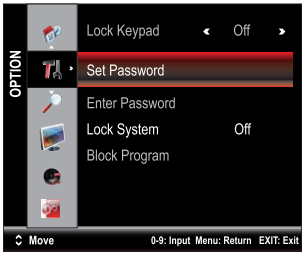
LOCK

This function is used to block reception of channels broadcasting programs unsuitable for children and youth. After switching the blocked channel on, the user will be asked for a valid password (4 digit number – 0000 from the factory). In addition, the TV set uses a universal keyword (1980 from the factory).

1. Press **MENU** to display main menu.
2. Press ▲ / ▼ to select function **lock**.
3. Press **OK** or ► to enter the submenu **Lock**, menu will be displayed **Enter Password** Enter a 4 digit number to enter (0000 from the factory or the universal keyword, 1980 from the factory).

Lock System
1. Press ▲ / ▼ select **Lock System**.
2. Press ◄ / ► to turn the function on (**On**) or off (**Off**).

Set Password.
1. Press ▲ / ▼ to select option **Set Password**.
2. Enter password with number buttons. Screen for password change will be displayed **Change Password**. Enter new password with number buttons (4 digit number chosen by you). In the **Confirm New Password** enter the new password again. This will be saved in the TV set memory.



Block Program
1. Press ▲ / ▼ to select option **Block Program**.
2. Press **OK** or ► to display the blocked TV programs. To block / unblock access to a selected TV channel, use the green button. To receive a blocked TV channel, you will be asked to enter valid password.

Parental Guidance
This function is available only in DTV mode of the TV set.
Press ▲ / ▼ to select option **Parental Guidance**.
Press ◄ / ► to select desired degree of access limitation to TV programs: **Off** 4, 5, 6, 7, … 18.

Software Upgrade (USB)
1. Press ▲ / ▼ to select option **Software Upgrade (USB)**.
2. Press **OK** or ► to start the software.

Note: Do not switch the set off when running the software.

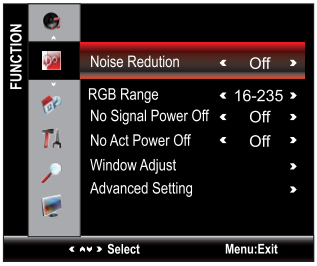
Hearing Impaired
Function to display special subtitles for hearing impaired people.

Note: The function is available only in DTV mode.

PVR File System
1. Press **MENU** to display the main menu.
2. Press ▲ / ▼ to select option **PVR File System**.
3. Press **OK** or ► to enter the submenu. You will find more information further in the manual

Note: This function is available only in DTV mode.

FUNCTION



1. Press **MENU**. The main menu will appear on the screen.
2. Press ▲ / ▼ to select submenu **Function**.
3. Press button of the selected submenu ▶.

Noise Reduction

1. Press ▲ / ▼ to select option **Noise Reduction**.
2. Press ◀ / ▶ to select one of these options: **Off**, **Low**, **Middle**, **High** and **Default** to improve the sharpness of the picture.

Note: It is not possible to set the function background noise suppression in the PC-VGA mode.

RGB Range

Change the brightness and the colour saturation for better picture reception.

1. Press ▲ / ▼ to select option **RGB Range**.
2. Press ◀ / ▶ to select "16–235" or "0–255".

Note:

This function is available only in the HDMI mode. Select an appropriate setting according to the connected DVD player or set-top box.

No Signal Power Off

1. Press ▲ / ▼ to select option **No Signal Power Off**.
2. Press ◀ / ▶ to set **On** or **Off**. If this function will be on, the TV set will automatically switch off within 10 minutes of zero signal recognition (within 15 seconds in the PC-RGB mode).

Note: This function is not available in the USB mode.

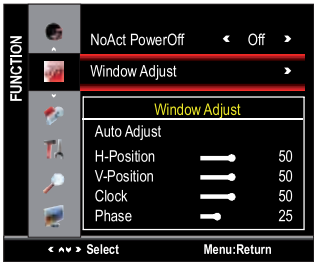
No Act Power Off

1. Press ▲ / ▼ to select option **No ACT Power Off**.
2. Press ◀ / ▶ to select from these options: Off, 1 hour, 2 hours, 4 hours. When this function is enabled, the TV set will automatically switch off, if you will not press any button or perform any control operation within the set time.

Window Adjust

This option is available only in the PC mode.

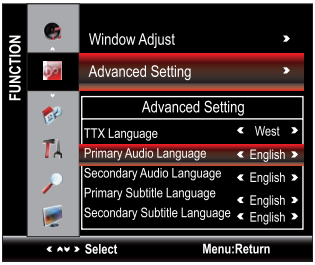
1. Press ▲ / ▼ to select option **Window Adjust**.
2. Press **OK** or ▶ to enter menu.



Auto Adjust: It enables an automatic adjustment of the TV set according to the video input signal of the computer. The settings are automatic.
H-position: Horizontal position of the picture.
V-position: Vertical position of the picture.
Clock / Phase: The removal or the reduction of noise from the picture.

Basic controls

Advanced Setting
Press ▲ / ▼ to select **Advanced Setting**, then press **OK** or ► to enter menu.



TTX Language
1. Press ▲ / ▼ to select option **TTX Language**.
2. Press ◄ / ► to select language from the options.

Primary Audio Language
1. Press ▲ / ▼ to select the option **Primary Audio Language**.
2. Press ◄ / ► to select language from the options.

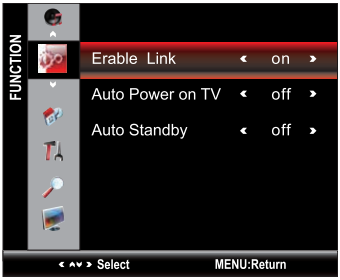
Secondary Audio Language
1. Press ▲ / ▼ to select the option **Secondary Audio Language**.
2. Press ◄ / ► to select language from the options.

Primary Subtitle Language
1. Press ▲ / ▼ to select the option **Primary Subtitle Language**.
2. Press ◄ / ► to select language from the options.

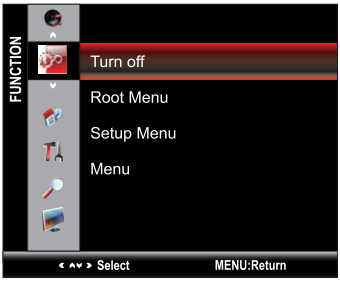
Secondary Subtitle Language
1. Press ▲ / ▼ to select the option **Secondary Subtitle Language**.
2. Press ◄ / ► to select language from the options.

Link Setup
1. Press ▲ / ▼ to select the option **Link Setup**.
2. Press **ENTER** or ► to enter menu.

Enable Link: Press ◄ / ► to turn the function on or off.
Auto Power On TV: If this function is enabled (On) and the TV is in standby mode, when you turn the connected DVD player on the TV set also turns on.
Auto Standby: If this function is enabled (On) and the TV is on, then when you turn off the connected DVD player off, the TV set will turn off as well.



Link Controls
This function is available only in the HDMI mode.
1. Press ▲ / ▼ to select the option **Link Control**.
2. Press **ENTER** or ► to enter menu.
If the CEC link is successfully connected you can operate the DVD player via the TV set.



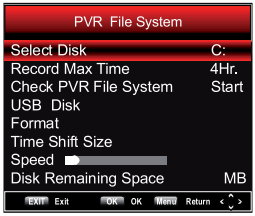
PVR FILE SYSTEM

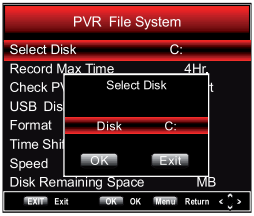
Warning

1. Before using the USB device with the TV set, we recommend that you back up the stored data, to prevent damage or loss of important data.
2. If you are using the USB device for the first time for the PVR function, you have to format the device first. Formatting will erase all the data saved on the device, therefore we recommend to back up all the data first. Use only device designed for the PVR function. Do not disconnect during formatting.
3. Do not modify PVR files on the disc.

Note:
Before using and connecting the USB device to the TV set, make sure that the USB device is suitable to use for PVR recording.

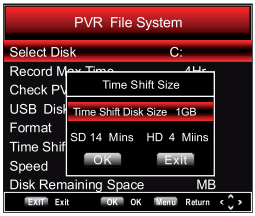
Select disc: Press **OK** to enter submenu and by pressing buttons ◄ / ► select PVR disk.
Record Max Time: Press ◄ / ► to set the maximum recording time for PVR.



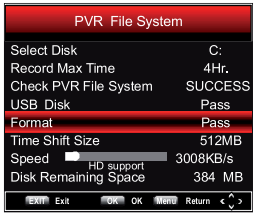


Check PVR File System: Press **OK** to check if the device is suitable for PVR.
USB Disk: Shows the status of the USB drive (PASS – OK x FAIL – error).
Format: Press **OK** to enter the submenu. USB disk has to be formatted before use. Do not disconnect the device during formatting.
A dialog window will appear showing the progress of the formatting process.

Note:
The bigger the USB disk, the longer formatting time. The formatting process may take several minutes. This is normal, wait until the end of the formatting..



Time Shift Size: This is possible to set only after the formatting process is finished. Maximum size is 8G.
Speed: It displays the speed of the write / read of the device.



Note:
We recommend to use a disk with transfer speed more than 4500 kB/s.

Disk Remaining Space: Displays remaining space on the disk (device).

Note:
All the times listed here are only approximate, they could be different in reality.

Basic controls

PVR Guide
When the PVR unit will be ready, the recording of TV programs after switching to DTV mode is possible.

Time Shift
To pause reception of the DTV program, press ▶/❚❚, pressing this button again will restart the reception. This function may be used in case of insufficient free capacity for recording. To display / switch off the window with information about the recording press **EXIT**.

1. Current time in the background of live TV.
2. Total time available for time shift – more information on the previous page.

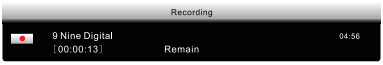
Press **PLAY** to continue recording from the place where you interrupted it.

Note:
The time shift will stop, when you change channel, the input source or switch to standby mode. The screen will display message if you want to continue or end.

Instant recording
1. Select a program and press **RECORD** on the remote control to start immediate recording of a current program. A dialog box will appear at the bottom of the screen with the progress of the recording. The dialog box will disappear after about 10 seconds.
2. The recording will stop, when you press **STOP**. The recording will be automatically saved to the external USB device.

Note:
You can watch channels with the same frequency as the currently recorded program. If you change the channel, a dialog box will appear if you want to continue or end the recording. The recording will be interrupted after a change of channel.

Recording in standby mode
The device enables recording in standby mode.
1. Start the recording and then press the main power button. A dialog box will appear, if you want to continue or end the recording.



Press ● in the Guide menu to reserve – record the selected program.
In the menu Reserve press ◀ / ▶ to set the time and press **OK** to save the setting. Press the yellow button to check the saved data. The recording will start if the TV set is switched on or in a standby mode. If the recording is started from the standby mode, the indicators on the front panel will flash, but the screen will remain inactive. You can interrupt the recording when you switch on the TV set. The set times should not overlap, there should be at least 1 minute pause between two planned recordings.

In the DTV mode press **OK** / **RECLIST** to open the list of recordings. Press ▲ / ▼ to select recording and press **OK** / **RECLIST** to start playback of the recording. Press ▶ to display information about the recording.
These buttons are available during the playback: ▶/❚❚, ◀◀, ▶▶, ■, |◀◀, ▶▶|, ●.
Press **EXIT** to show / hide the control menu.

When the screen displays the list of recordings, you can delete unwanted files. Select the file that you want to delete and press the red button.

Note: It will not be possible to delete files during playback/recording.

Digital Media Player

Introduction

The TV set is equipped with USB jack, which allows to connect USB memory device, like USB disks, MP3 players, etc. with the types of recorded files listed below. USB TV interface supports USB version 1.1 a 2.0.
Supported functions are: picture display, replay of music files, video playback, text display.

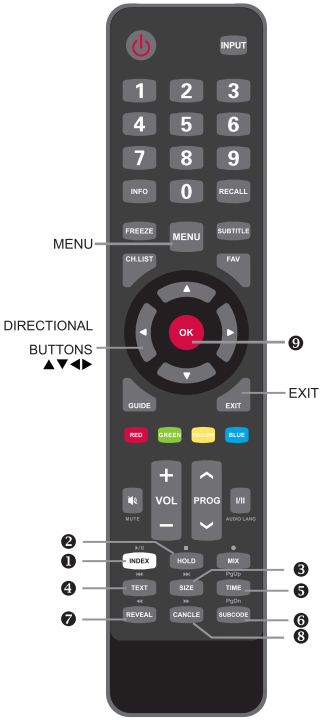
Note:
Do not disconnect the transfer cable during data transfer. You could cause short circuit in the device.

Type of data	File format
Pictures	JPG; JPEG; PNG; BMP
Music	MP3; WMA; AAC;
Video	MPG; MPEG; RM; RMVB;MP4; MOV; MKV
Text	TXT

Remote control buttons

Button functions

Button		Function
❶	▶/❚❚	start / stop recording
❷	■	stop /exit
❸	⏮	Jump to the beginning of the previous file.
❹	⏭	Skip to the beginning of the next file
❺	Pg Up	Display following page (screen) / zoom out
❻	Pg Down	Display previous page (screen) / zoom in
❼	◀◀	search back in the recording (video, music)
❽	▶▶	search forward in the recording (video, music)
❾	OK	display keyboard shortcuts

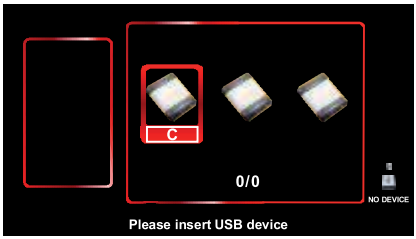


DEVICE AND FILE MANAGER

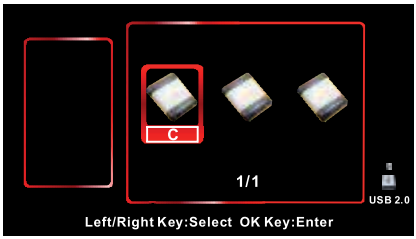
Initial interface

In case that the USB device is not connected, a message will appear on the interface channel to connect the USB (Figure 1). In the lower right corner of the screen appears message "No device" (Device is not connected)
If the USB device is connected, select first the the first letter on "C" drive (figure 2).
Button functions are as follows:

- Buttons left / right: to select the letter of the drive
- Press **ENTER**: to confirm the selected letter.



<Figure 1>

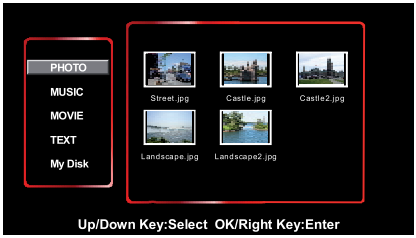


<Figure 2>

USB support

1 Photo

Features: Search and replay of pictures based on a specific path (initial path is listed on the current disk, for setting the interface method photo, a specific path should be taken: the path – setting)
Index: Search and replay of all photos on the basis of specific path.



<Figure 3>

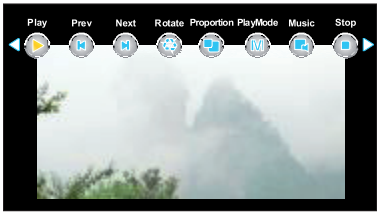
Thumbnail images (figure 3)
Features: Displays thumbnails of all photos – the thumbnail feature is not supported with bmp and png formats.
Control buttons
Buttons up/down/left/right: only moving up or down can be selected.
Enter: if you press Enter and the cursor will be on the left side of the screen, the thumbnails will appear only on the right side of the screen. If you press Enter and the cursor will be on the right side of the screen, a replay of highlighted file will start.
Exit: if you press Exit and the cursor will be on the right side of the screen, it will jump automatically onto the left side. If you press Exit and the cursor will be on the left side of the screen, the system will return to the basic display of USB selection.

Photo playback (figure 4)
Control buttons
Up and down buttons: photo playback/next photo
Left/right buttons: to turn/ to reverse the photo clockwise
OK button: to replay / to stop replay of photos.
Exit button: to return to the Search photos menu.

<Figure 4>

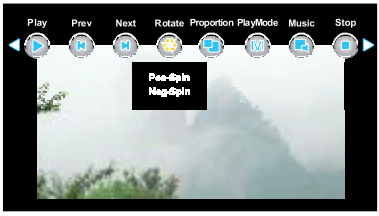
Digital Media Player

Menu button: to enter the Playback control menu (figure 5).



<Figure 5>

Playback Control menu
Control buttons
Left/Right buttons: options selection.
OK button: to enter menu of the secondary control buttons.
Play / Pause button: to replay and to stop photo display.
Prev button: to display current picture.
Next button: to display next picture.



<Figure 6>

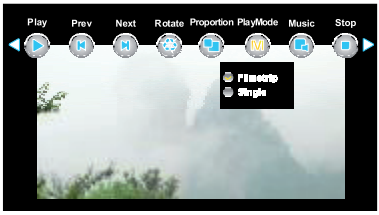
Rotate button: to rotate the picture clockwise/ counterclockwise.

1. **Zoom Out**: to enlarge the picture (X1, X2, X4, X8).
2. **Zoom In**: to reduce the picture (1/2, 1/4).
3. **Move view**: Move view. When the picture will fill the screen, press **OK** to display selection of directions options of the OSD. You can rotate the pictures with the directional buttons. Press **Escape** to return to previous menu (figure 7).

<Figure 7>

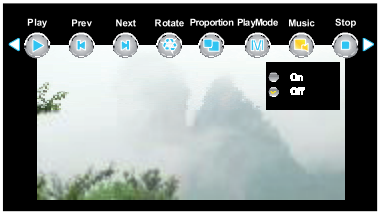
PlayMode button (Playback mode – figure 8)

1. **Filmstrip**: display of all the pictures.
2. **Single**: repeated display of one picture.



<Figure 8>

Music (figure 9)
When you activate this feature (select option "On"), the system will replay the last audio track. If this feature is off (select option "Off"), the system will replay all the music files.
Stop button: exit from picture playback.

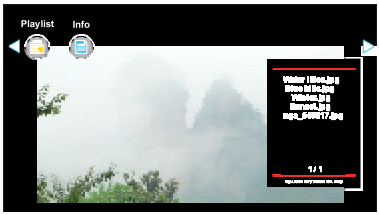


<Figure 9>

Playlist button: Initiates playback of pictures (figure 10).

1. **Up / down buttons**: to select a picture.
2. **OK button**: to display the selected picture.
3. **Left/ right buttons**: exit the listing of pictures and selection of a different option.
4. **Exit button**: exit from the listing of pictures

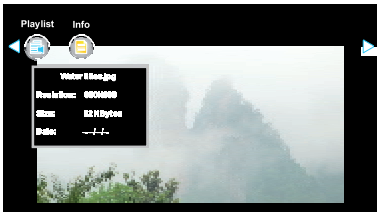
Info button: to display the name, the resolution, the size and the date of the picture (figure 11).



<Figure 10>

2 Music

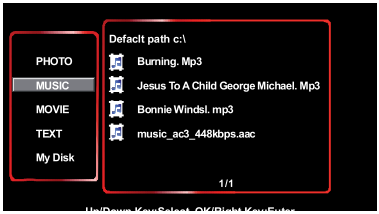
Features: search and playback of music files on the basis of initial path (Initial path is the current disk, you can also set a different path – see "Setting the path".)
Content: display of playback of music files based on specific path.



<Figure 11>

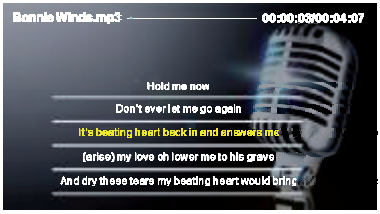
Music search
Index: to display music files (figure 12).

Control buttons
Up /down buttons: to switch between selections.
Enter button: if you press Enter and the cursor is on "Music", thumbnails of the files will appear on the right side of the screen. If you press Enter and the cursor is on the thumbnails of the files, the highlighted file will start.
Exit button: if you press Exit and the cursor will be on the files thumbnails, the cursor will jump automatically to the left side of the screen. If you press Exit and the cursor will be on the left side of the screen, you will return back.



<Figure 12>

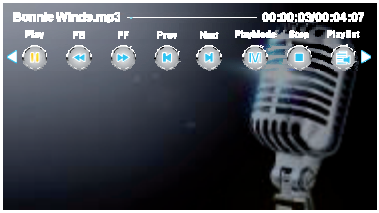
Music playback
Music playback interface is shown in figure13.
Left / right buttons: to rewind or go forward.
Up / down buttons: to skip to the current or the next track.
OK button: to replay/ to stop replay.
Exit button: to exit the music player, return to search music.
Menu button: to enter playback control menu (figure 14).


Bonnie Windsl.mp3
00:00:03/00:04:07
Hold me now
Don't ever let me go again
It's beating heart back in and answers me
(arise) my love oh lower me to his grave
And dry these tears my beating heart would bring

<Figure 13>

Playback controls
Left / right button: to select options
OK button: to enter menu of the secondary control buttons.
Exit button: to exit the controls menu.

Features
Playback / pause buttons: to replay / pause playback of a music file.
FB button: for fast reverse playback (x2, x4, x8, x16).
FF button: for fast forward play (x2, x4, x8, x16).
Prev button: to replay previous music file.
Next button: to replay next music file.



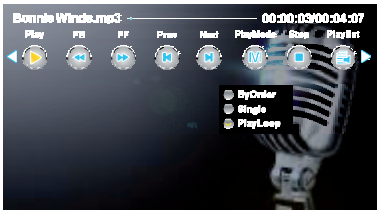
<Figure 14>

Digital Media Player

Play Mode button (Play mode – Figure 15)

1. **By Order**: to play all music files.
2. **Single**: to play one file repeatedly.
3. **Play Loop**: repeated play of all music files in random order.

Stop button: to stop music playback.



<Figure 15>

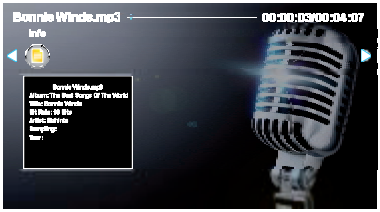
Playlist button (List of all played music)

The list is used to view the music files and their playback, as is shown in figure 16.

1. **Up / down buttons**: to select a music file.
2. **OK button**: to play selected music file.
3. **Left / right button**: to exit the list and to select a different option.
4. **Exit button**: to exit the music menu.

<Figure 16>

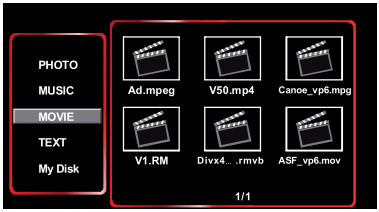
Info button: to display the name of the music file, the name of the album, title, music genre, the author and the year when published (figure 17).



<Figure 17>

3 Movie

Features: search and replay of the video files based on a specific path (the initial path is the current disk, set video interface, for method setting – see specific path: path – setting).
Index: to display video files on the basis of specific path – figure 18.



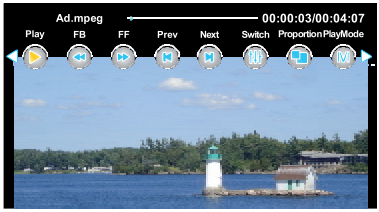
<Figure 18>

Preview video files
Index: thumbnails of all the video files.
Directional buttons: up and down buttons are used to switch between different options.
Enter button: if you press Enter and the cursor will be on "Video" on the left side, thumbnails of the files will appear on the right side of the screen. If you press Enter and the cursor will be on the thumbnails of the files, the highlighted file will be automatically played.
Exit button: if you press **Exit** and the cursor will be on the thumbnails of the files, the cursor will jump automatically to the left side of the screen. If you press **Exit** and the cursor will be on the left side of the screen, it will return back.

Replay of video files
The interface of the video files is shown in the figure 19.
Left / right buttons: fast rewind / forward.
Up / down buttons: to play the current or the next file.
Exit button: exit from video files replay and return to the option search of files.
Menu button: to enter the playback controls menu (figure 20).

<Figure 19>

Playback controls
Left / right buttons: to select an option.
Confirmation button: to enter the selected option and to display the secondary controls menu.
Exit button: exit the playback controls menu.



<Figure 20>

Features
Play / pause button: to play / pause video.
FB button: fast reverse (x2, x4, x8, x16).
FF button: fast forward (x2, x4, x8, x16).
Prev button: to play the previous video file.
Next button: to play next video file.

<Figure 21>

Switch button (Switching – figure 21)

1. **Switching track**: to switch currently played video track.
2. **Switching subtitles**: to switch currently played subtitles. This feature is available only when the video file contains more than one subtitles file. if you select **Off**, no subtitles will appear.
3. **Time**: to select specific time period for the replay of the video file (figure 22).

<Figure 22>

Proportion button
Select the appropriate proportion of the screen for playback (figure 23).

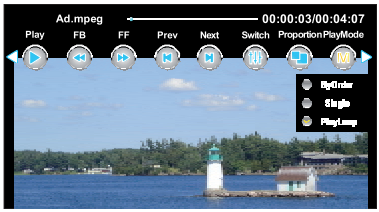
1. Auto
2. 16:9
3. 4:3

The source of the video file will switch to default mode after restoring the factory setting.

<Figure 23>

PlayMode button (Playback mode figure 24)

1. **By Order**: playback of a video file.
2. **Single**: repeated playback of a single video file.
3. **Play Loop**: playback of all video files in random order.



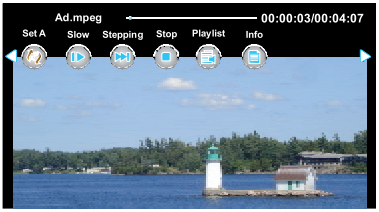
<Figure 24>

Digital Media Player

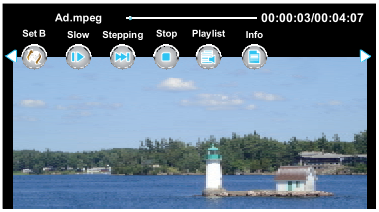
Repeated replay of section A – B

- Set A button: to set the beginning of point A, from which the repeated replay will start (figure 25).
- Set B button: to set the end point B, at which the repeated replay will end (figure 26).
- When you cancel the repeated replay of the A – B section you will restore regular playback (figure 27).

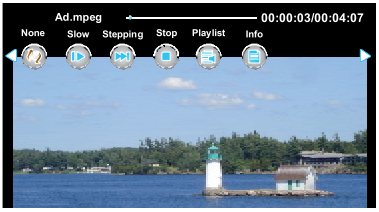
Slow button: slow replay (X2, X4, X8, X 16).
Stepping button: when you click on this icon, the video will play picture after picture.
Stop button: to stop playing video.



<Figure 25>



<Figure 26>



<Figure 27>

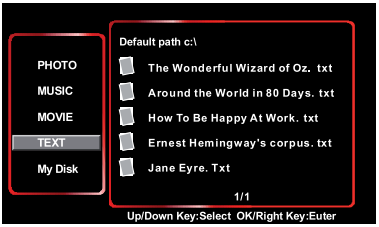
Playlist button: to display video files for current and future replay (figure 28).
Info button: to display the name, the resolution, the audio track, the subtitles, the channel, the version, the chapter of the video file (figure 29).

<Figure 28>

<Figure 29>

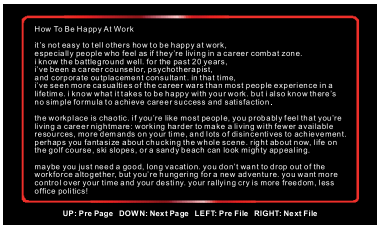
4 Text

Features: search and replay of text files based on specific path (the standard path is local disc, interface setup; method see specific path (path – setting).
Index: display of the text files on the basis of specific path (figure 30).



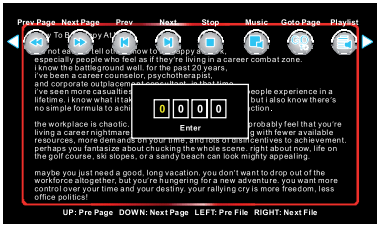
<Figure 30>

Documents thumbnails
Index: specific path to all the document files displayed as thumbnails.
Control buttons
Directional buttons: The up and down buttons switch between various options.
Enter button: if you press Enter and the cursor will be on "Text" on the left side of the screen, the thumbnails of the files will be displayed on the right side. If you press **Enter** and the cursor will be on the right side, the highlighted file will start automatically.
Exit button: if you press **Exit** and the cursor will be on the thumbnails of the files, the cursor will jump automatically to the left side of the screen. If you press **Exit** and the cursor will be on the left side of the screen, it will return back.



<Figure 31>

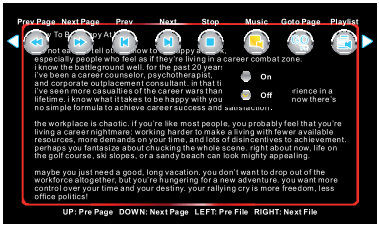
Reading the documents
See the interface for the document reading in figure 31.
Control buttons:
Up / down buttons: to display previous/next page.
Left / right buttons: to display previous/next document.
Exit button: to return to the documents interface.
Menu button: to enter the playback control menu (figure 32).



<Figure 32>

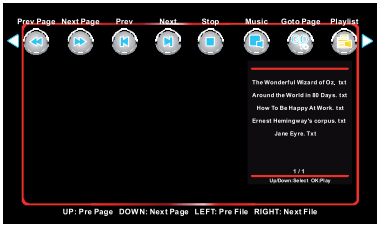
Control buttons options
Control buttons
Left / right button: to choose options.
OK button: to enter the secondary control menu
Exit button: exit from the playback control menu.

Functions
Prev Page button: to display previous page.
Next Page button: to display next page.
Prev button: to display the previous document.
Next button: to display the next document.
Stop button: to stop reading the document.
Music button (figure 33)
If this feature is on, music will play in the same time.



<Figure 33>

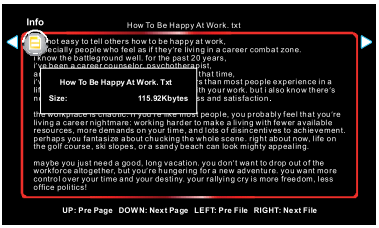
Goto Page button: after pressing this button, a dialog box will appear for jump to the selected page. To enter the selected page, press **OK**. Click Exit to return to the control options.
Playlist button: to display the directory of documents (figure 34); the name and the size of the document will be displayed (figure 35).



<Figure 34>

5 My Disk

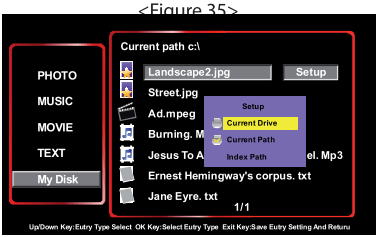
Function: Display of the current disk with directories – videos, music, pictures, documents.
Select **Photo**,**Music**, **Video**, **Document** (figure 35).


Info
How To Be Happy At Work. txt
How To Be Happy At Work. Txt
Size:
115.92Kbytes
UP: Pre Page DOWN: Next Page LEFT: Pre File RIGHT: Next File

<Figure 35>

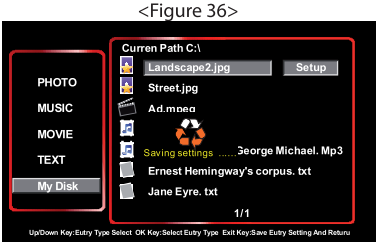
Control buttons

Directional buttons: Up and down buttons switch between options.
Enter button: If the cursor is located on the left side (of the areas), move it to the right side. If the cursor is located on the right side (display)and directory is highlighted, enter the highlighted directory – video, music, pictures, documents. Select the desired file.
Exit button: If the cursor is located on the left side, switch back to the initial USB interface. If the cursor is located on the right side in the main directory, switch to the left side. If the cursor is located on the right side, but not in the main directory, go back to the main directory and then switch to the left side.



<Figure 36>

Set path description: On display, select the file directory. Directory will appear to set the correct function. Click the right arrow to view options and then click OK to display the dialog box containing two options: the current drive (current drive) and the current path (current path) Switch between options with the up and down buttons, select button **OK**. A path was selected to save the current settings and to start the setup menu path (figure 37)



<Figure 37>

Current Drive

Select option **Photo**, **Music**, **Video**, **Document** to display all the files on the disk. If you will select one of the options of the current drive, all files will be displayed – pictures, music, video and documents of the selection.
Enter: id you enter in the "C" drive, while the current drive is selected, a preview will be displayed **Photo**, **Music**, **Video**, **Documents**. If you want to display all the files of all the directories, the loading speed may be quite limited, therefore we do not recommend this option.

Current Path

Select option **Photo**, **Music**, **Video**, **Document** of a specific path for a particular directory. The selected directory will contain in the search for pictures, video, or text files always all pictures/music/video/ text files. For example, the selected directory is "KKDOWNLOAD" if chosen for search for pictures, music, video, text files it will display all the files of pictures, music, video and text files present in the directory "KKDOWNLOAD". Search is much faster
Therefore we recommend to save various types of media files in particular directories and to set a specific path, which you can always save.

Troubleshooting

If problems occur, follow the solution of individual problems according to the symptoms listed below. The following problems may be caused by improper settings, rather than actual failure of the equipment. If problems persist, contact the service centre.

Problems	Possible solutions
No power	Check, if the power cord is connected. Pull the power cord out, reconnect after 60 seconds and restart the TV set.
No picture	Check the antenna connection The channel may experience difficulties, switch to different channel. Adjust contrast and brightness.
Good picture, no sound	Raise volume. Check, if the sound is not muted, press MUTE on the remote control. Check audio settings. If an external devices are connected to the TV set, check if the volume of the external devices is not too low or switched off. If you use AVI or Component, check if the cables are correctly connected and that they are not loose. If you use DVI or HDMI cables, it is necessary to separate each audio cable. Check if the headphones are not inserted.
Good sound, but bad or no picture.	Check the antenna connection. If you use the "Component input", check connections. Incorrect or loose connection can cause colour problems or a white screen.
Remote control does not work.	The batteries in the remote control may be empty, change batteries if necessary. Clean the remote control lens. The distance between the LCD TV set and the remote control has to be less than 8 meters.
The whole screen is flashing after connecting PC-RGB.	The V-Height might be set too high, restart your computer and enter the safe mode, then set the parameters of the monitor to proper value in accordance with the description of the setting.
Horizontal bars after connecting PC-RGB	There could be a deviation in the testing phase – set the phase in accordance with the picture position.
Colour points on the screen.	This product has an LCD screen with high resolution and in the course of the manufacture of the LCD screen some cells may be defective. Several colour points visible on the screen should be acceptable. According to LCD manufacturers this does not mean that the LCD screen is defective. We trust that you understand that because of it the set cannot be exchanged or money returned.
Picture is disturbed	Install the TV set at sufficient distance from other electrical sources, like cars, hair dryers, welding torch and other similar devices. Electrical atmospheric interference, like a thunderstorm, may cause picture breakup. When installing other equipment, leave sufficient space between individual devices. Check the antenna connection. Keep the antenna in sufficient distance from power sources or the input/output cable.
Only some channels show after automatic search.	Check the area of the search of the digital service provider. Restart the search or set the missing channels manually. Check if you use the correct type of the antenna and its connection to the TV set.
Cannot select a channel.	Check if the channel is not blocked in the main menu setting.

Troubleshooting

Problems	Possible solutions
Cannot play the USB files.	Check if the USB device is correctly connected. USB device was not formatted. Make sure that the USB device is compatible and the multimedia files are supported by the TV set.
The picture is deformed.	Compression of the video content may cause picture deformation, especially during a fast action – sport, action movies.
There is an unpleasant noise from the speakers.	Check the cable connections. Make sure that the video cable is not inserted into the audio input jack. Lower the volume, because high audio may cause unpleasant noise.
TV set switched off automatically.	Check if the automatic switch off is not on or a timer. If the TV set does not receive any signal within 10 minutes of being switched on, the TV will automatically switch off. If the TV set is connected to a computer, check if the screen saver is not on. Make sure that the power cord is correctly inserted into the power outlet.
TV set switched on automatically.	Make sure that the timer is turned off.
The picture does not appear on full screen.	If the aspect ratio is 4:3SD, black bars will appear on the sides. If you play video with a different aspect ratio than your TV set, black bars will appear above and below. Set the picture size on the external device or on the TV.

Technical specifications

Model	SLE 48F10M4
Panel size	48" (122 cm)
Consumption	95 W
Standby power consumption	≤0.5 W
Nominal voltage	110–240 V
Remote control	YES
VESA wall mount	NO
Dimensions with stand (W × H × D)	1195 × 80 × 770 mm
Dimensions w/o stand (W × H × D)	1100 × 275 × 708 mm
Dimensions of package (W × H × D)	1100 × 90 × 652 mm
Weight netto with stand	16.5 kg
Weight netto w/o stand	13.2 kg
Connections	
RF IN	1
AV in	1 (audio compatible with Component)
SCART	1
Component YPbPr	1
VGA (D-Sub 15 pin)	1
HDMI	3
SPDIF coaxial	1
USB	2
USB supported formats	JPG, JPEG, PNG, BMP,MP3, WMA, AAC,MPG, MPEG, MP4, MOV, MKV,TXT
CI slot	1
Other features	
WXGA resolution	1920 × 1080
Brightness (cd/m2)	300
Aspect ratio	16:09
Dynamic contrast	50,000:1
Response time (ms)	8 ms
Colours	16.7M
Colour temperature settings	Cool, Standard, Warm
Viewing angle	H:178°, V:178°
Built-in tuner	YES
Video system	PAL, SECAM, NTSC 3.58/4.43
Audio system	I, B/G, D/K (PAL) D/K, B/G, L (SECAM)
Stereo sound	NICAM /A2
Sound output	coaxial
PVR recording to USB	YES
Pitch correction	NO
Progressive Scan	YES
Timeshift function	YES
Electronic Programme Guide EPG	YES
Teletext	YES
Teletext pages	YES
Comb filter	YES

Technical specifications

OSD menu	YES
Zoom	YES
Noise reduction	YES
Timer off /on/sleep	YES
Subtitles	YES
Audio language	YES
Channel list	YES
Favourites list	YES
Picture freeze	YES
Radio	YES
Lock	YES
Parent lock	YES
Hotel mode	YES

Comments

1. Given that various screens might be used with the TV set, we can change the weight of the TV set featured in the manual without prior notice.
2. Design may change without prior notice.

INSTRUCTIONS FOR THE CORRECT DISPOSAL OF THE PRODUCT

Instructions and information regarding the disposal of used packaging materials

Dispose of packaging material at a public waste disposal site.

Disposal of used electrical and electronic appliances

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product.
The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union
If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union
If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

CE This appliance complies with EU rules and regulations regarding electromagnetic and electrical safety.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

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SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit **www.sencor.eu** for detailed information about authorized service centers.